

Department of Energy

Western Area Power Administration P.O. Box 281213 Lakewood, CO 80228-1213

FEB 0 1 2008

MEMORANDUM FOR DAVID R. HILL, GC-1

GENERAL COUNSEL

FROM:

TIMOTHY J. MEEKS 175 0 12 ADMINISTRATOR

SUBJECT:

Annual National Environmental Policy Act Planning Summary

Attached is the Annual National Environmental Policy Act (NEPA) Planning Summary for Western Area Power Administration for calendar year 2008, as required by Department of Energy (DOE) Order 451.1B, NEPA Compliance Program. Electronic copies will be provided to Lee Jessee of your staff for posting on the DOE NEPA web site.

Please contact Shane Collins at 720-962-7252 if you have any questions.

Attachment

cc:

Carol Borgstrom, Director of NEPA Policy and Compliance, GC-20, Washington, D.C.

	Estimated	Estimated Sc	hedule	Description
Title, Location	Cost	(NEPA Miles	tones)	F
Charlie Creek-Williston Fiber Optic		Determination Date:	3/20/2001	Western is preparing an environmental assessment (EA) to address
Overhead Ground Wire Installation, ND	\$120,000	Transmittal to State:		its proposal to replace transmission structures and install optical
	·	EA Approval:		overhead ground wire between Charlie Creek and Williston
DOE/EA-1389		FONSI:		substations in North Dakota.
North Area Right-of-Way Maintenance, CA		Determination Date:		Western is preparing an EA regarding the proposed changes in
		Transmittal to State:	 	operation and maintenance procedures along Western's North Area
DOE/EA-1539		EA Approval:		Transmission Line Right-of-way (ROW). Western proposes to
		FONSI:		change the current vegetation maintenance procedures to include
	\$2,100,000		2008	the expanded use of herbicides in combination with manual and
	Ψ2,100,000			mechanical removal methods in an effort to promote low-growing
				plant communities. Additional maintenance activities that may be
				added to the current routine ROW operation and maintenance
				practices include erosion repair, geotechnical borings, and fiber
				optics installation.
Sand Hills Wind Energy Project, Albany		Determination Date:	11/17/2006	The Bureau of Land Management is the lead Federal agency on this
County, Wyoming	Applicant	Transmittal to State:		wind project, which would interconnect with Western's system. The
	Funded	EA Approval:	Fall 2008	expected generation capacity is below 50 average megawatts.
DOE/EA-1581	randed			
<u> </u>		FONSI:	Fall 2008	
Happy Jack Wind Project Interconnection,		Determination Date:		Request for interconnection of the Happy Jack Wind Project with
Laramie County, Wyoming	Applicant	Transmittal to State:		Western's existing transmission line. The expected generation
DOE/EA-1586	Funded	EA Approval:	11/29/2007	capacity is below 50 average megawatts.
		FONSI:	1/2/2008	
Wessington Springs Wind Farm, South		Determination Date:	4/12/2007	Western has received a request to interconnect a wind farm with its
Dakota	Applicant	Transmittal to State:		transmission system near Wessington Springs, South Dakota. The
	Funded	EA Approval:	February 2008	expected generation capacity is below 50 average megawatts.
DOE EA-1590		FONSI:	February 2008	
Akron Wind Energy Project, Akron, Yuma		Determination Date:		This is a proposed wind project that would be interconnected with
County, Colorado	Applicant	Transmittal to State:		Western's transmission system. The expected generation capacity
	Funded	EA Approval:		is below 50 average megawatts.
DOE/EA-1594		FONSI:	Fall 2008	

Title, Location	Estimated Cost	Estimated Sc (NEPA Miles		Description
Belfield-Rhame 230-kilovolt (kV)		Determination Date:	5/31/2007	Basin Electric Power Cooperative proposes to construct 70 miles of
Transmission Line Project, North Dakota	Applicant	Transmittal to State:	January 2008	new transmission line in Slope, Bowman, and Stark counties, North
·	Funded	EA Approval:	May 2008	Dakota. The project would interconnect to Western's transmission
DOE/EA-1596		FONSI:	June 2008	system and a new substation would be constructed.
Shasta-Flanagan-Keswick 230-kV		Determination Date:	7/20/2007	Western proposes to reconductor 8.7 miles of the Shasta-Flannigan-
Reconductor Project, Shasta County,	Applicant	Transmittal to State:	11/30/2007	Keswick 230-kV transmission line in conjunction with the
California	Funded	EA Approval:	March 2008	construction of the Colusa Generating Station.
DOE/EA-1598		FONSI:	March 2008	
Wauneta Wind Energy Project, Yuma		Determination Date:	2/27/2007	This is a proposed wind project that would be interconnected with
County, Colorado	Applicant	Transmittal to State:		Western's Transmission System. The expected generation capacity
	Funded	EA Approval:	Fall 2008	is below 50 average megawatts.
DOE/EA-1601		FONSI:	Fall 2008	
Contra Costa Water District (CCWD)		Determination Date:	9/2/2007	CCWD requests a direct interconnection to the Western 69-kV
Alternate Intake EA, Contra Costa County,		Transmittal to State:	Spring 2008	Tracy-Los Vaqueros transmission line to supply power to CCWDs
California	Customor	EA Approval:	Spring 2008	proposed new pumping plant station. An EA is required to study the
	Customer	FONSI:	Spring 2008	environmental impacts of a new interconnect and the construction a
DOE/EA 1602	Funded			new 3-mile tap line to the proposed pumping plant. Western will
				construct, own, and maintain the new line. CCWD is to provide
				funding.

Title, Location	Estimated	Estimated Sc (NEPA Miles		Description
North and One London Valle DOW	Cost	} 		DIAL de la companya della companya della companya della companya de la companya della companya d
Northern San Joaquin Valley ROW Maintenance EA, California	1,000,000	Determination Date: Transmittal to State: EA Approval: FONSI:	180	Western proposes to prepare an EA for changes in operation and maintenance procedures along Western's South Area Transmission Line Right-of-way (ROW). Western proposes to change the current vegetation maintenance procedures to include the expanded use of herbicides in combination with manual and mechanical removal methods in an effort to promote low-growing plant communities. Additional maintenance activities that may be added to the current routine ROW operation and maintenance practices include erosion repair, geotechnical borings, and fiber optics installation.
Fairview West 115-kilovolt (kV) Interconnection Project, Montana	Applicant Funded	Determination Date: Transmittal to State: EA Approval: FONSI:	January 2008	The Lower Yellowstone Rural Electric Association is proposing to construct approximately 27 miles of 115-kV transmission line and two substations in Richland County in northeastern Montana. The facilities would interconnect with Western's Richland-Williston 115-kV line at one of these proposed substations.
GroWind Wind Energy Project, Rock River, Albany County, Wyoming	Applicant Funded	Determination Date: Transmittal to State: EA Approval: FONSI:	TBD	This is a proposed wind farm that would be interconnected with Western's transmission system. The expected generation capacity is below 50 average megawatts.
Limon Wind Energy Project, Limon, Lincoln County, Colorado	Applicant Funded	Determination Date: Transmittal to State: EA Approval: FONSI:	TBD	This is a proposed wind farm that would be interconnected with Western's transmission system. The expected generation capacity is below 50 average megawatts.
Fleming Wind Project Interconnection, Fleming, Logan County, Colorado	Applicant Funded	Determination Date: Transmittal to State: EA Approval: FONSI:	TBD	General Electric is proposing a wind project for interconnection with Western's transmission system. The expected generation capacity is below 50 average megawatts.
Vegetation Management on Transmission Lines in Colorado	\$500,000	Determination Date: Transmittal to State: EA Approval: FONSI:	TBD	This EA, likely to be done with the U.S. Forest Service as a cooperating agency, is pending further discussion on the proposal.

Title, Location	Estimated Cost	Estimated Sci (NEPA Milest		Description
	Cost	`		0.000
Williston-Tioga 230-kV Transmission Line	A 1: 4	Determination Date:	Spring 2008	Basin Electric is proposing to build approximately 50 miles of 230-kV
Project	Applicant	Transmittal to State:		transmission line and a new substation that would interconnect with
	funded	EA Approval:		Western's power system in North Dakota.
0 111		FONSI:	700	1
Coolidge-Rodgers ROW Perfection,		Determination Date:	IBD	Western proposes to perfect its rights-of-way across the Gila River
Arizona	\$50,000	Transmittal to State:		Indian Community, Arizona. The Bureau of Indian Affairs will
	,	EA Approval:		participate in the EA process.
_		FONSI:		
Invenergy Wind Farm, Spencer, Iowa		Determination Date:	TBD	This is a proposed wind farm that would be interconnected with
	Applicant	Transmittal to State:		Western's transmission system. The expected generation capacity
	Funded	EA Approval:		is below 50 average megawatts.
		FONSI:		
DisGen Wind Energy Project, South Dakota		Determination Date:	TBD	This is a proposed 60 megawatt wind farm that would interconnect
	Applicant	Transmittal to State:		with Western's transmission system at the Mission Substation in
	Funded	EA Approval:		South Dakota. The goal is to build the proposed project on tribal
		FONSI:	Ē	trust lands with the Rosebud Indian Reservation.
PPM Wind Energy Project - White, South		Determination Date:	TBD	Initially proposed as a 200 megawatt wind farm near Western's
Dakota	A U 4	Transmittal to State:		White substation in South Dakota, the project will be downsized to
	Applicant	EA Approval:		140 megawatts in order to have an annual average generation unde
	Funded	FONSI:		the 50 megawatt threshold for NEPA review. Specific details about
				the project and schedule have not yet been discussed.
PPM Wind Energy Project - Eagle Butte,		Determination Date:	TBD	PPM and Red Mountain Tribal Energy propose to interconnect a 75 -
South Dakota	Applicant	Transmittal to State:		150 megawatt wind farm at Western's Eagle Butte substation in
	Funded	EA Approval:	-	South Dakota. Specific details about the project and schedule have
		FONSI:		not yet been discussed.
PPM Wind Energy Project - Big Bend,		Determination Date:	TBD	PPM and Red Mountain Tribal Energy proposes to interconnect a 75
South Dakota	Applicant	Transmittal to State:		-150 megawatt wind farm at Western's Big Bend substation in South
Journ Dunotu	Funded	EA Approval:		Dakota. Specific details about the project and schedule have not ye
		FONSI:		been discussed.
Dawson County Wind Project, Dawson		Determination Date:	TRD	Applicant proposes a 100 megawatt wind farm to interconnect with
County, Montana	Applicant	Transmittal to State:	100	Western's transmission system. Generation capacity is expected to
County, montana	Funded	EA Approval:		be below 50 average megawatts.
	i unucu	FONSI:		The below 50 average megawalls.
		JI ONOI.		

Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
Basin Electric Power Cooperative Culbertson Unit 1 East Side Peaking Project	Applicant Funded	Determination Date: Transmittal to State: EA Approval: FONSI:		Applicant proposes to construct a new 80-100 megawatt, simple-cycle natural gas fired turbine (<50 megawatt average annual output), ancillary facilities and systems, a new natural gas pipeline to connect to the existing Northern Border Pipeline, and necessary equipment to allow connection to the Western transmission system. Applicant is requesting the Rural Utilities Service to provide financing for the proposed project. Western has agreed to be a cooperating agency in preparation of the EA.

Title, Location	Estimated Cost	Estimated So (NEPA Miles		Description
Sacramento Voltage Support, California	L	Determination Date:		Western proposes transmission system additions and improvements
Sacramento voltage Support, Camornia	1	NOI:		to resolve voltage support problems occurring on the transmission
DOE/EIS-0323-S1		Scoping:		system in the Sacramento, California area. The supplemental EIS is
DOE/EI3-0323-51	\$1,500,000	Draft		being prepared to address new routing alternatives and local
	Ψ1,500,000	Hearings		customer participation.
		Final	Feb 2008	customer participation.
		ROD	April 2008	
Windy Gap Firming Project, CO		Determination Date:		Western is a cooperating agency with the Bureau of Reclamation for
windy dap i mining rioject, do		NOI:		the Windy Gap Firming Project, Colorado. The EIS will address
DOE/EIS-0370		Scoping:		options for rerouting a transmission line that would be affected by
DOL/LI3-03/0		Cooping.		the project.
	N/A	Draft	Spring 2008	· · ·
		Hearings	Spring 2008	
		Final	Fall 2008	
		ROD	Winter 2008	
Big Stone II Power Plant and Transmission		Determination Date:		The Big Stone II Project involves the construction of a 600-
Project, South Dakota and Minnesota		NOI:		megawatt, coal-fired generating facility near Milbank, in Grant
		Scoping:		County, S.D. The Big Stone II generating unit would be located next
DOE/EIS-0377	1	Draft		to the existing Big Stone Plant, and would require new or upgraded
202/2/3 00	Applicant	Hearings		transmission lines in the area. Approximately 120 miles of new
	Funded	Final	July 2008	transmission lines are proposed in South Dakota and Minnesota. A
		ROD	September	supplemental Draft EIS was prepared to address changes in the
			2008	proposed Project, including the use of groundwater instead of
				surface water as backup water for the plant. The Supplemental
				Draft EIS was released on October 26, 2007 for public review.
Trinity Public Utility District Direct	 	Determination Date:	9/9/2005	Western proposes to provide a direct interconnection with the Trinity
Interconnection Project, California		NOI:		Public Utility District by constructing a transmission line between
		Scoping:		Trinity Dam and Weaverville, CA.
DOE/EIS-0389		1	7/11/2006	·
-01.1.0 0000	\$855,000	Draft	2/16/2007	
		Hearings	3/6-3/72007	
		Final	11/30/2007	
		ROD	1/15/2008	

	Estimated	Estimated Sc	hedule	Description
Title, Location	Cost	Cost (NEPA Milestones)		
Eastern Plains Transmission Project		Determination Date NOI:		The EPTP Transmission Project consists of approximately 700 miles of high voltage transmission lines and related facilities. The
DOE/EIS-0390	Customer	Scoping:	8/28/2006-	project is an undertaking developed and funded by some of Western's customers. Western proposes to participate in order to
	Funded	Draft	TBD	obtain capacity to market federal hydropower.
		Hearings Final	TBD TBD	
		ROD	TBD	
Delta-Mendota Canal/California Aqueduct Intertie (DCI) Project		Determination Date NOI: Scoping:	7/12/2006	Western would participate in the proposed Project in which the US Bureau of Reclamation (USBR) is the lead Federal agency and Western would participate as a co-operating agency. Western's
DOE/EIS-0398	Customer Funded	Draft	8/3/2006	action includes the design and construction of a new 69-kilovolt (kV) transmission line to deliver Central Valley Project power to the
	Tunded	Hearings Final	TBD	proposed Project site. The Project is on hold until modeling is completed in 2008/2009.
		ROD	TBD	
Granby Pumping Plant-Windy Gap Transmission Line Rebuild Project EIS,		Determination Date: NOI:	8/10/2007	Western's Rocky Mountain Region is proposing to rebuild the Granby Pumping Plant-Windy Gap 69-kV Transmission Line. The
Grand County, Colorado	\$1,000,000	Scoping: Draft	TBD	1
DOE/EIS-0400		Hearings Final ROD	TBD TBD	
NextGen Power Plant Project, South		Determination Date:		The NextGen Project involves the proposed construction of a 700
Dakota		NOI: Scoping:		megawatt net coal-fired base-load generating facility, with a proposed in-service date of 2013.
DOE/EIS-0401	Applicant Funded	Draft Hearings	October 2008 Nov 2008	
		Final ROD	March 2009 May 2009	

	Estimated	Estimated Sch	nedule	Description	
Title, Location	Cost	(NEPA Milestones)		·	
Los Vaqueros Reservoir Expansion Project, CA	TBD	Determination Date: NOI: Scoping: Draft Hearings Final ROD	TBD	The Bureau of Reclamation (Reclamation) is evaluating the potential to expand the existing Los Vaqueros Reservoir by up to 275,000 acre-feet and to develop conveyance facilities that will connect to the South Bay Aqueduct. Western's would be a cooperating agency in the EIS preparation with Reclamation as the lead Federal agency in anticipation of Western's potential involvement to provide electric and/or transmission service for the Project.	
Transmission Agency of Northern California Programmatic EIS, CA	Applicant Funded	Determination Date: NOI: Scoping: Draft Hearings Final ROD	TBD	Transmission upgrades are proposed to enhance the reliability of the electric system operations in northern California and increase or strengthen the interchange capability between and among Control Areas in northern California. Western's would be a cooperating agency in the EIS preparation with the Bureau of Land Management as the lead Federal agency.	
Basin Electric Power Cooperative Deer Creek Combined Cycle Combustion Turbine	Applicant Funded	Determination Date: NOI: Scoping: Draft Hearings Final ROD		Basin Electric proposes to construct a 300 megawatt combined cycle combustion turbine that would interconnect with Western at the White Substation near White, South Dakota.	
PPM Wind Energy, lowa	Applicant Funded	Determination Date: NOI: Scoping: Draft Hearings Final ROD		PPM proposes to build a 240 megawatt wind farm that would interconnect to Western's transmission system in Iowa. Specific details about the project and schedule have not yet been discussed.	

Title, Location	Estimated Cost	Estimated Sch (NEPA Milest		Description
Upper Great Plains Wind Study Programmatic EIS	TBD	Determination Date: NOI: Scoping: Draft Hearings Final ROD		This programmatic EIS will address the increasing number of wind project interconnection requests by identifying viable areas close to existing and planned Western facilities; resources and anticipated impacts; effective standard mitigation measures; and other wind project aspects. The objective is to increase the efficiency and consistency of environmental reviews for these proposed projects, including those proposed by tribes.
Searchlight Wind Farm, Nevada	Applicant funded	Determination Date: NOI: Scoping: Draft Hearings Final ROD	TBD	Development of a 300 megawatt wind farm near Searchlight, Nevada. Western would be a cooperating agency and the Bureau of Land Management would be the lead Federal agency.

*Title, Location	Estimated Cost	Estimated Sc (**NEPA Miles		Description
Charlie Creek-Williston Fiber Optic		Determination Date:		Western is preparing an environmental assessment (EA) to address
Overhead Ground Wire Installation, ND	\$120,000	Transmittal to State:	4/7/2004	its proposal to replace transmission structures and install optical
,	\$120,000	EA Approval:	January 08	overhead ground wire between Charlie Creek and Williston
DOE/EA-1389		FONSI:	January 08	substations in North Dakota.
North Area Right-of-Way Maintenance, CA		Determination Date:	2/22/2005	Western is preparing an EA regarding the proposed changes in
		Transmittal to State:		operation and maintenance procedures along Western's North Area
DOE/EA-1539		EA Approval:		Transmission Line Right-of-way (ROW). Western proposes to
		FONSI:		change the current vegetation maintenance procedures to include
	\$2,100,000		2008	the expanded use of herbicides in combination with manual and
	\$2,100,000			mechanical removal methods in an effort to promote low-growing
				plant communities. Additional maintenance activities that may be
				added to the current routine ROW operation and maintenance
				practices include erosion repair, geotechnical borings, and fiber
				optics installation.
Sand Hills Wind Energy Project, Albany		Determination Date:	11/17/2006	The Bureau of Land Management is the lead Federal agency on this
County, Wyoming	Applicant	Transmittal to State:	Summer 2008	wind project, which would interconnect with Western's system. The
	Funded	EA Approval:	Fall 2008	expected generation capacity is below 50 average megawatts.
DOE/EA-1581	i dilded			
		FONSI:	Fall 2008	
Happy Jack Wind Project Interconnection,		Determination Date:		Request for interconnection of the Happy Jack Wind Project with
Laramie County, Wyoming	Applicant	Transmittal to State:		Western's existing transmission line. The expected generation
DOE/EA-1586	Funded	EA Approval:	11/29/2007	capacity is below 50 average megawatts.
		FONSI:	1/2/2008	
Wessington Springs Wind Farm, South		Determination Date:		Western has received a request to interconnect a wind farm with its
Dakota	Applicant	Transmittal to State:		transmission system near Wessington Springs, South Dakota. The
	Funded	EA Approval:		expected generation capacity is below 50 average megawatts.
DOE EA-1590		FONSI:	February 2008	
Akron Wind Energy Project, Akron, Yuma		Determination Date:		This is a proposed wind project that would be interconnected with
County, Colorado	Applicant	Transmittal to State:		Western's transmission system. The expected generation capacity
	Funded	EA Approval:		is below 50 average megawatts.
DOE/EA-1594		FONSI:	Fall 2008	

Belfield-Rhame 230-kilovolt (kV)		Determination Date:	5/31/2007	Basin Electric Power Cooperative proposes to construct 70 miles of
Transmission Line Project, North Dakota	Applicant	Transmittal to State:	January 2008	new transmission line in Slope, Bowman, and Stark counties, North
	Funded	EA Approval:	May 2008	Dakota. The project would interconnect to Western's transmission
DOE/EA-1596		FONSI:	June 2008	system and a new substation would be constructed.
Shasta-Flanagan-Keswick 230-kV		Determination Date:	7/20/2007	Western proposes to reconductor 8.7 miles of the Shasta-Flannigan-
Reconductor Project, Shasta County,	Applicant	Transmittal to State:	11/30/2007	Keswick 230-kV transmission line in conjunction with the
California	Funded	EA Approval:	March 2008	construction of the Colusa Generating Station.
DOE/EA-1598		FONSI:	March 2008	·
Wauneta Wind Energy Project, Yuma		Determination Date:	2/27/2007	This is a proposed wind project that would be interconnected with
County, Colorado	Applicant	Transmittal_to State:	10/26/2007	Western's Transmission System. The expected generation capacity
	Funded	EA Approval:	Fall 2008	is below 50 average megawatts.
DOE/EA-1601		FONSI:	Fall 2008	
Contra Costa Water District (CCWD)		Determination Date:	9/2/2007	CCWD requests a direct interconnection to the Western 69-kV
Alternate Intake EA, Contra Costa County,		Transmittal to State:	Spring 2008	Tracy-Los Vaqueros transmission line to supply power to CCWDs
California	Customer	EA Approval:	Spring 2008	proposed new pumping plant station. An EA is required to study the
	Funded	FONSI:	Spring 2008	environmental impacts of a new interconnect and the construction a
DOE/EA 1602	runded			new 3-mile tap line to the proposed pumping plant. Western will
				construct, own, and maintain the new line. CCWD is to provide
				funding.

*Title, Location	Estimated Cost	Estimated Sc (**NEPA Miles	-	Description
Northern San Joaquin Valley ROW Maintenance EA, California	1,000,000	Determination Date: Transmittal to State: EA Approval: FONSI:	TBD	Western propose to prepare an EA for changes in operation and maintenance procedures along Western's South Area Transmission Line Right-of-way (ROW). Western proposes to change the current vegetation maintenance procedures to include the expanded use of herbicides in combination with manual and mechanical removal methods in an effort to promote low-growing plant communities. Additional maintenance activities that may be added to the current routine ROW operation and maintenance practices include erosion repair, geotechnical borings, and fiber optics installation.
Fairview West 115-kilovolt (kV) Interconnection Project, Montana	Applicant Funded	Determination Date: Transmittal to State: EA Approval: FONSI:		The Lower Yellowstone Rural Electric Association is proposing to construct approximately 27 miles of 115-kV transmission line and two substations in Richland County in northeastern Montana. The facilities would interconnect with Western's Richland-Williston 115-kV line at one of these proposed substations.
GroWind Wind Energy Project, Rock River, Albany County, Wyoming	Applicant Funded	Determination Date: Transmittal to State: EA Approval: FONSI:	TBD	This is a proposed wind farm that would be interconnected with Western's transmission system. The expected generation capacity is below 50 average megawatts.
Limon Wind Energy Project, Limon, Lincoln County, Colorado	Applicant Funded	Determination Date: Transmittal to State: EA Approval: FONSI:	TBD	This is a proposed wind farm that would be interconnected with Western's transmission system. The expected generation capacity is below 50 average megawatts.
Fleming Wind Project Interconnection, Fleming, Logan County, Colorado	Applicant Funded	Determination Date: Transmittal to State: EA Approval: FONSI:	TBD	General Electric is proposing a wind project for interconnection with Western's transmission system. The expected generation capacity is below 50 average megawatts.
Vegetation Management on Transmission Lines in Colorado	\$500,000	Determination Date: Transmittal to State: EA Approval: FONSI:	TBD	This EA, likely to be done with the U.S. Forest Service as a cooperating agency, is pending further discussion on the proposal.

Williston-Tioga 230-kV Transmission Line		Determination Date:	Spring 2008	Basin Electric is proposing to build approximately 50 miles of 230-kV
Project	Applicant	Transmittal to State:	Opring 2000	transmission line and a new substation that would interconnect with
	funded	EA Approval:		Western's power system in North Dakota.
	luliueu	FONSI:		Troctom o portor o jotom in Horan Danota.
Coolidge-Rodgers ROW Perfection,		Determination Date:	TBD	Western proposes to perfect its rights-of-way across the Gila River
Arizona	#E0.000	Transmittal to State:		Indian Community, Arizona. The Bureau of Indian Affairs will
	\$50,000	EA Approval:		participate in the EA process.
		FONSI:		
Invenergy Wind Farm, Spencer, Iowa	<u> </u>	Determination Date:	TBD	This is a proposed wind farm that would be interconnected with
	Applicant	Transmittal to State:		Western's transmission system. The expected generation capacity
	Funded	EA Approval:		is below 50 average megawatts.
		FONSI:		
DisGen Wind Energy Project, South Dakota		Determination Date:	TBD	This is a proposed 60 megawatt wind farm that would interconnect
	Applicant	Transmittal to State:		with Western's transmission system at the Mission Substation in
	Funded	EA Approval:		South Dakota. The goal is to build the proposed project on tribal
		FONSI:		trust lands with the Rosebud Indian Reservation.
PPM Wind Energy Project - White, South		Determination Date:	TBD	Initially proposed as a 200 megawatt wind farm near Western's
Dakota	Applicant Funded	Transmittal to State:		White substation in South Dakota, the project will be downsized to
		EA Approval:		140 megwatts in order to have an annual average generation under
	runded	FONSI:		the 50 megawatt threshold for NEPA review. Specific details about
<u> </u>				the project and schedule have not yet been discussed.
PPM Wind Energy Project - Eagle Butte,		Determination Date:	TBD	PPM and Red Mountain Tribal Energy propose to interconnect a 75 -
South Dakota	Applicant	Transmittal to State:		150 megawatt wind farm at Western's Eagle Butte substation in
	Funded	EA Approval:	<u> </u>	South Dakota. Specific details about the project and schedule have
		FONSI:		not yet been discussed.
PPM Wind Energy Project - Big Bend,		Determination Date:	TBD	PPM and Red Mountain Tribal Energy proposes to interconnect a 75
South Dakota	Applicant	Transmittal to State:		-150 megawatt wind farm at Western's Big Bend substation in South
	Funded	EA Approval:		Dakota. Specific details about the project and schedule have not yet
		FONSI:		been discussed.
Dawson County Wind Project, Dawson		Determination Date:	TBD	Applicant proposes a 100 megawatt wind farm to interconnection
County, Montana	Applicant	Transmittal to State:		with Western's transmission system. Generation capacity is
	Funded	EA Approval:		expected to be below 50 average megawatts.
		FONSI:		

Basin Electric Power Cooperative		Determination Date:	TBD	Applicant proposes to construct a new 80-100 megawatt, simple-
Culbertson Unit 1 East Side Peaking		Transmittal to State:		cycle natural gas fired turbine (<50 megawatt average annual
Project		EA Approval:		output), ancillary facilities and systems, a new natural gas pipeline to
	Applicant	FONSI:		connect to the existing Northern Border Pipeline, and necessary
	Funded			equipment to allow connection to the Western transmission system.
				Applicant is requesting the Rural Utilities Service to provide
				financing for the proposed project. Western has agreed to be a
				cooperating agency in preparation of the EA.

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
Sacramento Voltage Support, California	0031	Determination Date:		Western proposes transmission system additions and improvements
oaciamento voltage Support, Samonna		NOI:		to resolve voltage support problems occurring on the transmission
DOE/EIS-0323-S1		Scoping:		system in Sacramento, California area. The supplemental EIS is
DODE10-0325-51	\$1,500,000	Draft		being prepared to address new routing alternatives and local
	+ 1,000,000	Hearings		customer participation.
		Final	Feb 2008	•
		ROD	April 2008	
Windy Gap Firming Project, CO		Determination Date:		Western is a cooperating agency with the Bureau of Reclamation for
		NOI:		the Windy Gap Firming Project, Colorado. The EIS will address
DOE/EIS-0370		Scoping:		options for rerouting a transmission line that would be affected by
	N/A		10/2/2003	the project.
	IN/A	Draft	Spring 2008	
		Hearings	Spring 2008	
		Final	Fall 2008	
		ROD	Winter 2008	
Big Stone II Power Plant and Transmission		Determination Date:		The Big Stone II Project involves the construction of a 600-
Project, South Dakota and Minnesota		NOI:		megawatt, coal-fired generating facility near Milbank, in Grant
-		Scoping:		County, S.D. The Big Stone II generating unit would be located next
DOE/EIS-0377		Draft		to the existing Big Stone Plant, and would require new or upgraded
	Applicant	Hearings		transmission lines in the area. Approximately 120 miles of new
	Funded	Final		transmission lines are proposed in South Dakota and Minnesota. A
		ROD		supplemental Draft EIS was prepared to address changes in the
			2008	proposed Project, including the use of groundwater instead of
				surface water as backup water for the plant. The Supplemental
				Draft EIS was released on October 26, 2007 for public review.
Trinity Public Utility District Direct		Determination Date:	9/9/2005	Western proposes to provide a direct interconnection with the Trinity
Interconnection Project, California		NOI:	6/19/2006	Public Utility District by constructing a transmission line between
,		Scoping:	7/10/2006-	Trinity Dam and Weaverville, CA.
DOE/EIS-0389	* 055 005		7/11/2006	
	\$855,000	Draft	2/16/2007	
		Hearings	3/6-3/72007	
		Final	11/30/2007	
		ROD	1/15/2008	

Hearings TBD pending review by the Kansas State Supreme Court of a decisor final TBD ROD TBD					
Scoping: 8/28/2006 9/14/2006 Project is an undertaking developed and funded by some of 9/14/2006 Western's customers. Western proposes to participate in order to deliver federal hydropower. The project is on pending review by the Kansas State Supreme Court of a decisor that the state of Kansas to deny an air permit for coal fired generating facility. Project is on pending review by the Kansas State Supreme Court of a decisor that the state of Kansas to deny an air permit for coal fired generating. TBD pending review by the Kansas State Supreme Court of a decisor that the state of Kansas to deny an air permit for coal fired generating. TBD pending review by the Kansas State Supreme Court of a decisor that the state of Kansas to deny an air permit for coal fired generating. TBD petermination Date (Discoping) (Robing)	Eastern Plains Transmission Project				
Customer Funded Part			NOI:		
Funded Hearings TBD pending review by the Kansas State Supreme Court of a decisor the State of Kansas to deny an air permit for coal fired generating TBD pending review by the Kansas State Supreme Court of a decisor the State of Kansas to deny an air permit for coal fired generating TBD the State of Kansas to deny an air permit for coal fired generating TBD the State of Kansas to deny an air permit for coal fired generating TBD the State of Kansas to deny an air permit for coal fired generating TBD the State of Kansas to deny an air permit for coal fired generating the State of Kansas to deny an air permit for coal fired generating the State of Kansas to deny an air permit for coal fired generating the State of Kansas to deny an air permit for coal fired generating the State of Kansas to deny an air permit for coal fired generating the State of Kansas to deny an air permit for coal fired generating the State of Kansas to deny an air permit for coal fired generating the State of Kansas to deny an air permit for coal fired generating the State of Kansas to deny an air permit for coal fired generating to a decisor. The State of Kansas to deny an air permit for coal fired generating facility, with a pending review by the Kansas State Supreme Court of a decisor the State of Kansas to deny an air permit for coal fired generating facility, with a pending review by the Kansas State Supreme Court of a decisor the State of Kansas to deny an air permit for coal fired generating facility, with a pending review by the Kansas State Supreme Court for a decisor. The Next Gen Project in wolve the proposed construction of a 7th pending review by the Kansas to deny an air permit for coal fired generating facility, with a pending review by the Kansas to deny an air permit for coal fired generating facility, with a pending review by the Kansas to deny an air permit for coal fired generating facility, with a pending review by the Kansas to deny an air pending review by the Kansas to deny an air pending review by determination (USBR)	DOE/EIS-0390		Scoping:	8/28/2006-	project is an undertaking developed and funded by some of
Hearings TBD Final TBD		Customer		9/14/2006	Western's customers. Western proposes to participate in order to
Polita-Mendota Canal/California Aqueduct Intertie (DCI) Project Determination Date 9/26/2007 Western would participate in the proposed Project in which the NOI: 7/12/2006 Bureau of Reclamation (USBR) is the lead Federal agency and Scoping: 8/1/2006 & Western would participate as a co-operating agency. Western's Molitary action includes the design and construction of a new 69-kilovol (kV) transmission line to deliver Central Valley Project power to proposed Project site. The Project is on hold until modeling is completed in 2008/2009. Granby Pumping Plant-Windy Gap Transmission Line Rebuild Project EIS, Grand County, Colorado \$1,000,000 Draft TBD Hearings		Funded	Draft	TBD	obtain capacity to market federal hydropower. The project is on hold
ROD TBD TBD			Hearings	TBD	pending review by the Kansas State Supreme Court of a decison by
Determination Date 9/26/2007 Western would participate in the proposed Project in which the Bureau of Reclamation (USBR) is the lead Federal agency and 8/3/2006 Scoping: 8/1/2006 & Western would participate as a co-operating agency. Western's action includes the design and construction of a new 69-kilovol (kV) transmission line to deliver Central Valley Project power to Plant-Windy Gap Determination Date: 6/29/2007 Western would participate as a co-operating agency. Western's action includes the design and construction of a new 69-kilovol (kV) transmission line to deliver Central Valley Project power to proposed Project site. The Project is on hold until modeling is completed in 2008/2009. Western's Rocky Mountain Region is proposing to rebuild the Granby Pumping Plant-Windy Gap 69-kV Transmission Line. To Body and the Plant Project South Plant TBD Hearings TBD Hearings TBD Final TBD Hearings TBD Final TBD Hearings TBD Final TBD Final TBD Hearings TBD Final TBD Final TBD Hearings TBD Final TBD Fin			Final	TBD	the State of Kansas to deny an air permit for coal fired generation.
NOI: 7/12/2006 NOI: 3/12/2006 NOI: 3/12/2007 NOI:			ROD	TBD	
Customer Funded Customer Funded Draft Hearings Final Tended Final Tended Transmission Line Rebuild Project EIS, Grand County, Colorado Defermination Date: Scoping: Scoping: Stand County, Colorado Determination Date: Scoping: Stand County, Colorado Noi: Stand County, Colorado Stand County, Colorado Noi: Stand County, Colorado St	Delta-Mendota Canal/California Aqueduct		Determination Date	9/26/2007	Western would participate in the proposed Project in which the US
Customer Funded Customer Funded Draft TBD (kV) transmission line to deliver Central Valley Project power to proposed Project site. The Project is on hold until modeling is completed in 2008/2009. Granby Pumping Plant-Windy Gap Transmission Line Rebuild Project EIS, Grand County, Colorado S1,000,000	Intertie (DCI) Project		NOI:	7/12/2006	Bureau of Reclamation (USBR) is the lead Federal agency and
Funded Funded Draft TBD Hearings TBD Final			Scoping:		
Hearings TBD Final TBD ROD TBD Granby Pumping Plant-Windy Gap Transmission Line Rebuild Project EIS, Grand County, Colorado \$1,000,000 \$\frac{1}{2}\$ Determination Date: 6/29/2007 Grand County, Colorado \$1,000,000 \$\frac{1}{2}\$ Scoping: 8/30/2007 Hearings TBD ROD TBD Stand County	DOE/EIS-0398	Customer		8/3/2006	action includes the design and consrtruction of a new 69-kilovolt
Final TBD Completed in 2008/2009. Granby Pumping Plant-Windy Gap Transmission Line Rebuild Project EIS, Grand County, Colorado Determination Date: 6/29/2007 Scoping: 8/30/2007 Under the proposing to rebuild the granby Pumping Plant-Windy Gap 69-kV Transmission Line. TBD Hearings TBD Hearings TBD Final TBD ROD TBD NextGen Power Plant Project, South Dakota Final Determination Date: 6/29/2007 NOI: 7/27/2007 Scoping: 8/21-23/2007 The NextGen Project involves the proposed construction of a 7/27/2007 Scoping: 8/21-23/2007 Proposed in-service date of 2013.		Funded	Draft	TBD	(kV) transmission line to deliver Central Valley Project power to the
ROD TBD			Hearings	TBD	proposed Project site. The Project is on hold until modeling is
Granby Pumping Plant-Windy Gap Transmission Line Rebuild Project EIS, Grand County, Colorado \$1,000,000 Stand County				TBD	completed in 2008/2009.
Transmission Line Rebuild Project EIS, Grand County, Colorado \$1,000,000 \$1,			ROD	TBD	
Grand County, Colorado \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 Scoping: 8/30/2007	Granby Pumping Plant-Windy Gap		Determination Date:	6/29/2007	Western's Rocky Mountain Region is proposing to rebuild the
\$1,000,000 Draft TBD Hearings TBD Final TBD ROD TBD NextGen Power Plant Project, South Determination Date: 6/29/2007 The NextGen Project involves the proposed construction of a 7/27/2007 NOI: 7/27/2007 megawatt net coal-fired base-load generating facility, with a Scoping: 8/21-23/2007 proposed in-service date of 2013.	Transmission Line Rebuild Project EIS,		NOI:	8/10/2007	Granby Pumping Plant-Windy Gap 69-kV Transmission Line. The
DOE/EIS-0400 Hearings Final ROD TBD NextGen Power Plant Project, South Dakota Determination Date: 6/29/2007 NOI: 7/27/2007 Scoping: 8/21-23/2007 Proposed in-service date of 2013.	Grand County, Colorado		Scoping:	8/30/2007	line is approximately 12 miles in length
Final TBD ROD TBD NextGen Power Plant Project, South Dakota Determination Date: 6/29/2007 The NextGen Project involves the proposed construction of a 7/27/2007 megawatt net coal-fired base-load generating facility, with a proposed in-service date of 2013.		\$1,000,000	Draft		
NextGen Power Plant Project, South Dakota Determination Date: 6/29/2007 The NextGen Project involves the proposed construction of a 7/27/2007 megawatt net coal-fired base-load generating facility, with a proposed in-service date of 2013.	DOE/EIS-0400				
NextGen Power Plant Project, South Dakota Determination Date: 6/29/2007 The NextGen Project involves the proposed construction of a 7/27/2007 megawatt net coal-fired base-load generating facility, with a proposed in-service date of 2013.					
Dakota NOI: 7/27/2007 megawatt net coal-fired base-load generating facility, with a Scoping: 8/21-23/2007 proposed in-service date of 2013.			ROD	TBD	
Scoping: 8/21-23/2007 proposed in-service date of 2013.	NextGen Power Plant Project, South			6/29/2007	The NextGen Project involves the proposed construction of a 700
l Applicant la company and a c	Dakota				
Doeles 0404 Applicant Draft October 2008	11/16/618/11/11				proposed in-service date of 2013.
DOL/LIO 0701			Draft	October 2008	
Healings Nov 2006		Fullueu			
Final March 2009				 	
ROD May 2009			ROD	May 2009	

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
Los Vaqueros Reservoir Expansion Project, CA	TBD	Determination Date: NOI: Scoping: Draft Hearings Final ROD	TBD	The Bureau of Reclamation (Reclamation) is evaluating the potential to expand the existing Los Vaqueros Reservoir by up to 275,000 acre-feet and to develop conveyance facilities that will connect to the South Bay Aqueduct. Western's would be a cooperating agency in the EIS preparation with Reclamation as the lead Federal agency in anticipation of Western's potential involvement to provide electric and/or transmission service for the Project.
Transmission Agency of Northern California Programmatic EIS, CA	Applicant Funded	Determination Date: NOI: Scoping: Draft Hearings Final ROD	TBD	Transmission upgrades are proposed to enhance the reliability of the electric system operations in northern California and increase or strengthen the interchange capability between and among Control Areas in northern California. Western's would be a cooperating agency in the EIS preparation with the Bureau of Land Management as the lead Federal agency.
Basin Electric Power Cooperative Deer Creek Combined Cycle Combustion Turbine	Applicant Funded	Determination Date: NOI: Scoping: Draft Hearings Final ROD	Spring 2008	Basin Electric proposes to construct a 300 megawatt combined cycle combustion turbine that would interconnect with Western at the White Substation near White, South Dakota.
PPM Wind Energy, lowa	Applicant Funded	Determination Date: NOI: Scoping: Draft Hearings Final ROD	TBD	PPM proposes to build a 240 megawatt wind farm that would interconnect to Western's transmission system in lowa. Specfic details about the project and schedule have not yet been discussed.

Upper Great Plains Wind Study		Determination Date:	Spring 2008	This programmatic EIS will address the increasing number of wind
Programmatic EIS		NOI:		project interconnection requests by identifying viable areas close to
		Scoping:	-	existing and planned Western facilities; resources and anticipated
ì	TBD	Draft		impacts; effective standard mitigation measures; and other wind
		Hearings		project aspects. The objective is to increase the efficiency and
		Final		consistency of environmental reviews for these proposed projects,
		ROD	-	including those proposed by tribes.
Searchlight Wind Farm, Nevada		Determination Date:	TBD	Development of a 300 megawatt wind farm near Searchlight,
	Applicant funded	NOI:		Nevada. Western would be a cooperating agency and the Bureau of
		Scoping:		Land Management would be the lead Federal agency.
		Draft		
	lullueu	Hearings		
		Final		
		ROD		